



MERCHANT & GOULD P.C.

3

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

Patent below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD TO PERFORM THERMAL SIMULATION OF AN ELECTRONIC CIRCUIT ON A NETWORK.

The specification of which

- a. is attached hereto
- b. was filed on May 1, 2001 as application serial no. 09/846,681 and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

- a. no such applications have been filed.
- b. such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I acknowledge the duty to disclose information that is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (reprinted below):

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Albrecht, John W.	Reg. No. 40,481	Leonard, Christopher J.	Reg. No. 41,940
Ali, M. Jeffer	Reg. No. 46,359	Liepa, Mara E.	Reg. No. 40,066
Anderson, Gregg I.	Reg. No. 28,828	Lindquist, Timothy A.	Reg. No. 40,701
Batzli, Brian H.	Reg. No. 32,960	Mayfield, Denise L.	Reg. No. 33,732
Beard, John L.	Reg. No. 27,612	McDonald, Daniel W.	Reg. No. 32,044
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Bremer, Dennis C.	Reg. No. 40,528	Nichols, A. Shane	Reg. No. 43,836
Bruess, Steven C.	Reg. No. 34,130	Parsons, Nancy J.	Reg. No. 40,364
Byrne, Linda M.	Reg. No. 32,404	Pauly, Daniel M.	Reg. No. 40,123
Campbell, Keith	Reg. No. 46,597	Phillips, John B.	Reg. No. 37,206
Carlson, Alan G.	Reg. No. 25,959	Prendergast, Paul	Reg. No. 46,068
Caspers, Philip P.	Reg. No. 33,227	Pytel, Melissa J.	Reg. No. 41,512
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Daignault, Ronald A.	Reg. No. 25,968	Reiland, Earl D.	Reg. No. 25,767
Daley, Dennis R.	Reg. No. 34,994	Roberts, Fred	Reg. No. 34,707
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Daulton, Julie R.	Reg. No. 36,414	Schmaltz, David G.	Reg. No. 39,828
DeVries Smith, Katherine M.	Reg. No. 42,157	Schuman, Mark D.	Reg. No. 31,197
DiPietro, Mark J.	Reg. No. 28,707	Schumann, Michael D.	Reg. No. 30,422
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Gould, John D.	Reg. No. 18,223	Sumner, John P.	Reg. No. 29,114
Gregson, Richard	Reg. No. 41,804	Swenson, Erik G.	Reg. No. 45,147
Gresens, John J.	Reg. No. 33,112	Tellekson, David K.	Reg. No. 32,314
Hamer, Samuel A.	Reg. No. 46,754	Trembath, Jon R.	Reg. No. 38,344
Hamre, Curtis B.	Reg. No. 29,165	Tunheim, Marcia A	Reg. No. 42,189
Harrison, Kevin C.	Reg. No. 46,759	Underhill, Albert L.	Reg. No. 27,403
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Johnston, Scott W.	Reg. No. 39,721	Welter, Paul A.	Reg. No. 20,890
Kadievitch, Natalie D.	Reg. No. 34,196	Whipps, Brian	Reg. No. 43,261
Karjeker, Shaukat	Reg. No. 34,049	Whitaker, John E.	Reg. No. 42,222
Kettelberger, Denise	Reg. No. 33,924	Williams, Douglas J.	Reg. No. 27,054
Keys, Jeramie J.	Reg. No. 42,724	Withers, James D.	Reg. No. 40,376
Knearl, Homer L.	Reg. No. 21,197	Witt, Jonelle	Reg. No. 41,980
Kowalchyk, Alan W.	Reg. No. 31,535	Wu, Tong	Reg. No. 43,361
Kowalchyk, Katherine M.	Reg. No. 36,848	Xu, Min S.	Reg. No. 39,536
Lacy, Paul E.	Reg. No. 38,946	Young, Thomas	Reg. No. 25,796
Larson, James A.	Reg. No. 40,443	Zeuli, Anthony R.	Reg. No. 45,255
Leon, Andrew J.	Reg. No. 46,869		

In addition, I also hereby appoint the following attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

Byrne, Christopher J.	Reg. No. 32,204	Tremain, Allen	Reg. No. 40,207
Conser, Eugene	Reg. No. 39,149	Viger, Andrew S.	Reg. No. 28,552
Maxin, John	Reg. No. 34,668	Wang, Peter Y.	Reg. No. 40,452
Reif, Coleman	Reg. No. 38,593		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name PERRY	First Given Name JEFFREY	Second Given Name ROBERT
0	Residence & Citizenship	City CUPERTINO	State or Foreign Country CALIFORNIA	Country of Citizenship USA
1	Mailing Address	Address 21862 CORTE MADERA LANE	City CUPERTINO	State & Zip Code/Country CA 95014
Signature of Inventor 201: <i>J. Perry</i>			Date: 9/28/2001	

2	Full Name Of Inventor	Family Name GARRISON	First Given Name MARTIN	Second Given Name
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
2	Mailing Address	Address 3812 MASTERS COURT	City SAN JOSE	State & Zip Code/Country CA 95111
Signature of Inventor 202: <i>Martin Garrison</i>			Date: 9/28/01	

2	Full Name Of Inventor	Family Name ALLISON III	First Given Name REX	Second Given Name L.
0	Residence & Citizenship	City SANTA CLARA	State or Foreign Country CALIFORNIA	Country of Citizenship USA
3	Mailing Address	Address 864 SUNLITE DRIVE	City SANTA CLARA	State & Zip Code/Country CA 95050
Signature of Inventor 203: <i>Rex T. Allison</i>			Date: 10/5/01	

2	Full Name Of Inventor	Family Name LEVIN	First Given Name RICHARD	Second Given Name
0	Residence & Citizenship	City SUNNYVALE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
4	Mailing Address	Address 1149 TANGERINE WAY	City SUNNYVALE	State & Zip Code/Country CA 94087
Signature of Inventor 204: <i>Richard Levin</i>				Date: 9-28-2001
2	Full Name Of Inventor	Family Name GIBSON	First Given Name PHIL	Second Given Name
0	Residence & Citizenship	City SUNNYVALE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
5	Mailing Address	Address 1090 KIFER ROAD	City SUNNYVALE	State & Zip Code/Country CA 94086
Signature of Inventor 205: <i>Phil Gibson</i>				Date: 9/28/2001
2	Full Name Of Inventor	Family Name SOJRANI	First Given Name VANDANA	Second Given Name A.
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship INDIA
6	Mailing Address	Address 5320 BORNEO CIRCLE	City SAN JOSE	State & Zip Code/Country CA 95123
Signature of Inventor 206: <i>Vandana Sojrani</i>				Date: 9/28/2001
2	Full Name Of Inventor	Family Name NGUYEN	First Given Name KHANG	Second Given Name
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
7	Mailing Address	Address 7310 URSHAN WAY	City SAN JOSE	State & Zip Code/Country CA 95138
Signature of Inventor 207: <i>Khong Nguyen</i>				Date: 10-5-01
2	Full Name Of Inventor	Family Name GARRETT	First Given Name WANDA	Second Given Name CAROL
0	Residence & Citizenship	City MORGAN HILL	State or Foreign Country CALIFORNIA	Country of Citizenship USA
8	Mailing Address	Address 17985 LAUREL WOOD LANE	City MORGAN HILL	State & Zip Code/Country CA 95037
Signature of Inventor 208: <i>Wanda C. Garrett</i>				Date: 9/28/01
2	Full Name Of Inventor	Family Name PERZOW	First Given Name JOHN	Second Given Name D.
0	Residence & Citizenship	City FORT COLLINS	State or Foreign Country COLORADO	Country of Citizenship USA
9	Mailing Address	Address 1808 WALLENBERG DRIVE	City FORT COLLINS	State & Zip Code/Country CO 80526
Signature of Inventor 209: <i>John Perzow</i>				Date:

MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below-named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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The specification of which

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 b. was filed on May 1, 2001 as application serial no. 09/846,681 and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

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 b. such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
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 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Reif, Coleman	Reg. No. 38,593		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name PERRY	First Given Name JEFFREY	Second Given Name ROBERT
0	Residence & Citizenship	City CUPERTINO	State or Foreign Country CALIFORNIA	Country of Citizenship USA
1	Mailing Address	Address 21862 CORTE MADERA LANE	City CUPERTINO	State & Zip Code/Country CA 95014

Signature of Inventor 201:

Date:

2	Full Name Of Inventor	Family Name GARRISON	First Given Name MARTIN	Second Given Name
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
2	Mailing Address	Address 3812 MASTERS COURT	City SAN JOSE	State & Zip Code/Country CA 95111

Signature of Inventor 202:

Date:

2	Full Name Of Inventor	Family Name ALLISON III	First Given Name REX	Second Given Name L.
0	Residence & Citizenship	City SANTA CLARA	State or Foreign Country CALIFORNIA	Country of Citizenship USA
3	Mailing Address	Address 864 SUNLITE DRIVE	City SANTA CLARA	State & Zip Code/Country CA 95050

Signature of Inventor 203:

Date:

2	Full Name Of Inventor	Family Name LEVIN	First Given Name RICHARD	Second Given Name
0	Residence & Citizenship	City SUNNYVALE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
4	Mailing Address	Address 1149 TANGERINE WAY	City SUNNYVALE	State & Zip Code/Country CA 94087
Signature of Inventor 204:			Date:	
2	Full Name Of Inventor	Family Name GIBSON	First Given Name PHIL	Second Given Name
0	Residence & Citizenship	City SUNNYVALE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
5	Mailing Address	Address 1090 KIFER ROAD	City SUNNYVALE	State & Zip Code/Country CA 94086
Signature of Inventor 205:			Date:	
2	Full Name Of Inventor	Family Name SOJRANI	First Given Name VANDANA	Second Given Name A.
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship INDIA
6	Mailing Address	Address 5320 BORNEO CIRCLE	City SAN JOSE	State & Zip Code/Country CA 95123
Signature of Inventor 206:			Date:	
2	Full Name Of Inventor	Family Name NGUYEN	First Given Name KHANG	Second Given Name
0	Residence & Citizenship	City SAN JOSE	State or Foreign Country CALIFORNIA	Country of Citizenship USA
7	Mailing Address	Address 7310 URSHAN WAY	City SAN JOSE	State & Zip Code/Country CA 95138
Signature of Inventor 207:			Date:	
2	Full Name Of Inventor	Family Name GARRETT	First Given Name WANDA	Second Given Name CAROL
0	Residence & Citizenship	City MORGAN HILL	State or Foreign Country CALIFORNIA	Country of Citizenship USA
8	Mailing Address	Address 17985 LAUREL WOOD LANE	City MORGAN HILL	State & Zip Code/Country CA 95037
Signature of Inventor 208:			Date:	
2	Full Name Of Inventor	Family Name PERZOW	First Given Name JOHN	Second Given Name D.
0	Residence & Citizenship	City FORT COLLINS	State or Foreign Country COLORADO	Country of Citizenship USA
9	Mailing Address	Address 1808 WALLENBERG DRIVE	City FORT COLLINS	State & Zip Code/Country CO 80526
Signature of Inventor 209:			Date: <i>[Handwritten Signature]</i> 10/2/01	